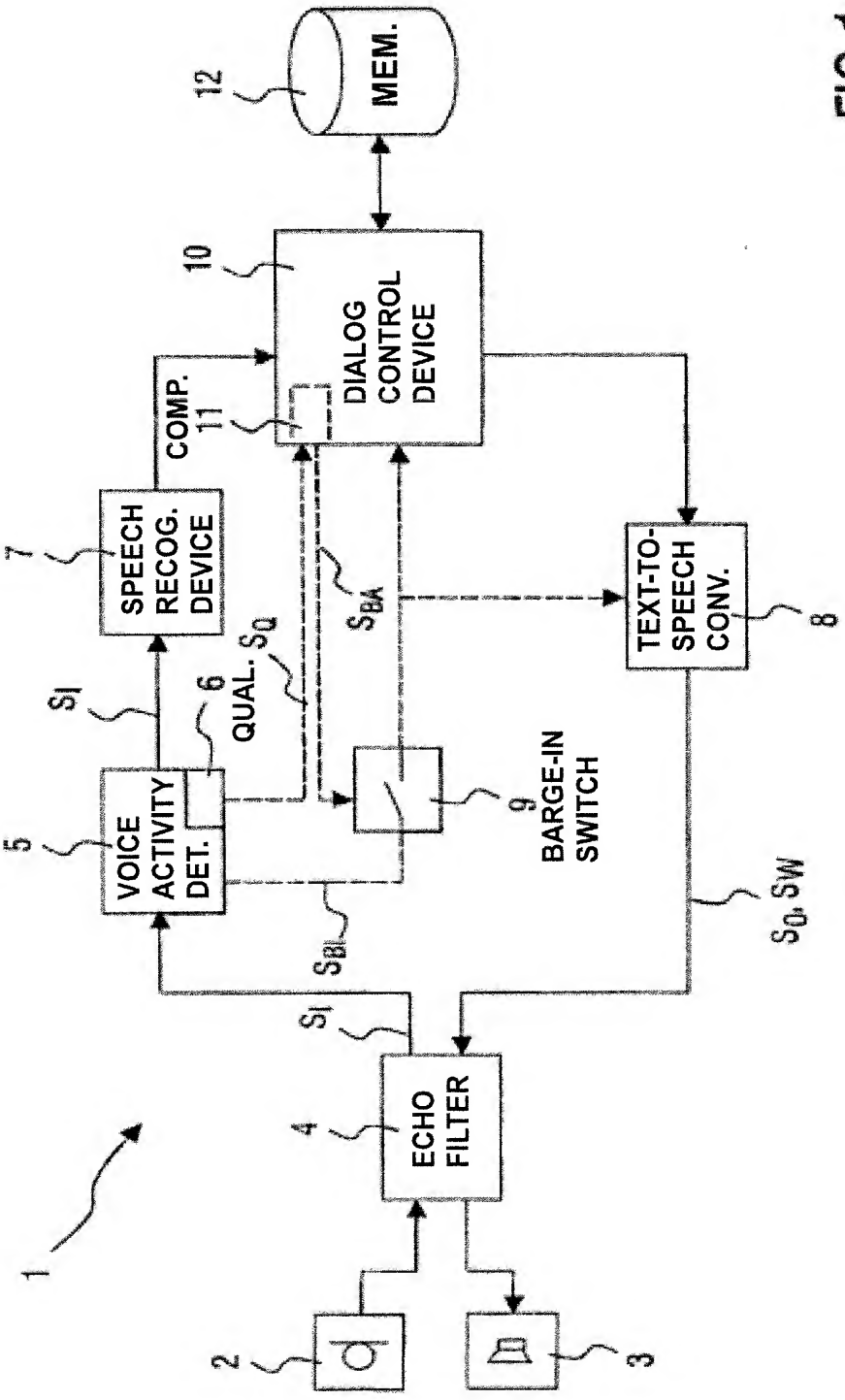
MEM.
12
10
DIALOG CONTROL DEVICE
COMP. 11
SPEECH RECOG. DEVICE
7
TEXT-TO-SPEECH CONV.
8
S_{BA}
S_Q
6 QUAL.
S_I
5
VOICE ACTIVITY DET.
9 BARGE-IN SWITCH
S_{BI}
S_O, S_W
S_I
4
ECHO FILTER
1
2
3

FIG.1

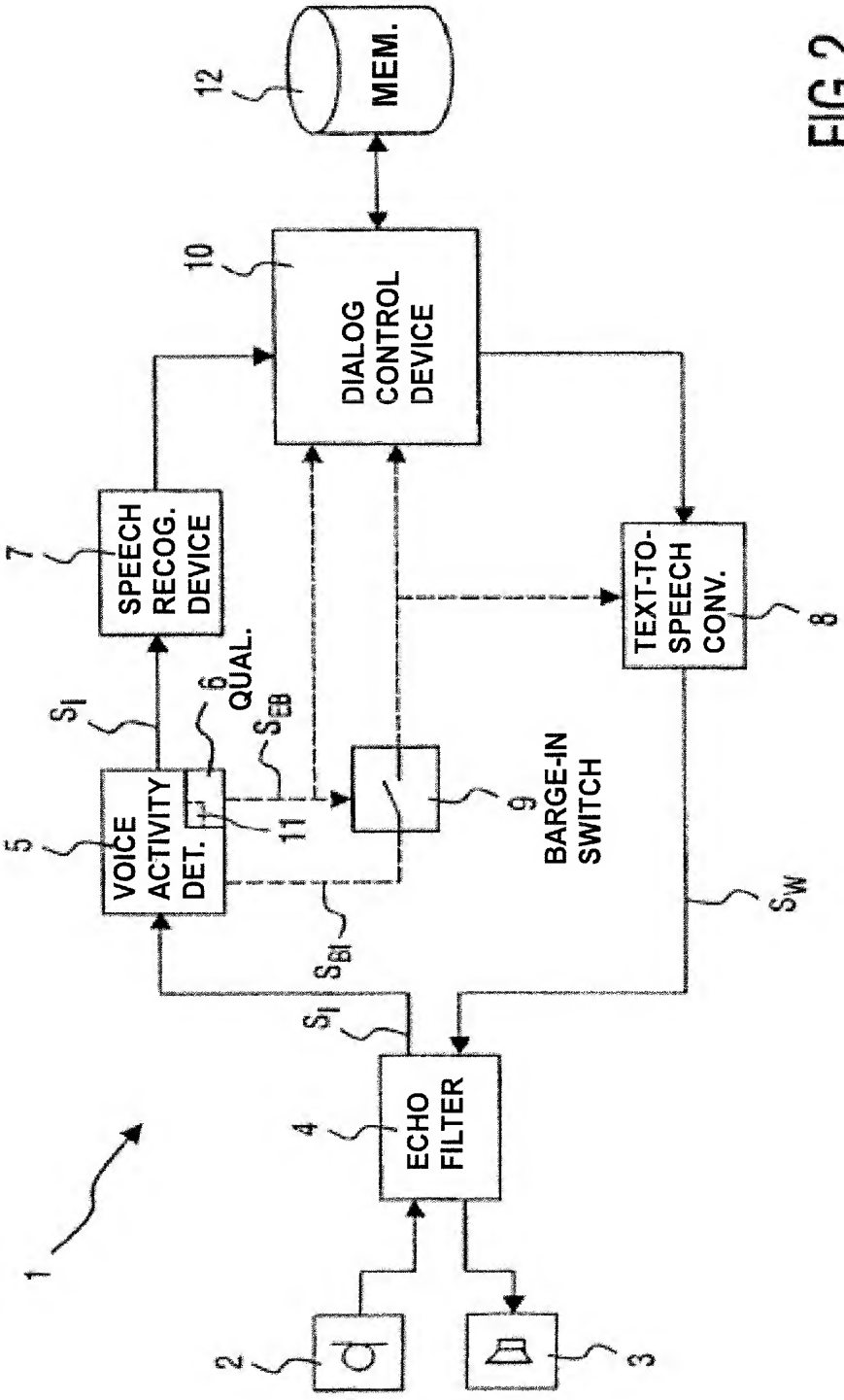
MEM.
12
DIALOG CONTROL DEVICE
10
SPEECH RECOG. DEVICE
7
TEXT-TO-SPEECH CONV.
8
QUAL.
6
VOICE ACTIVITY DET.
5
11
BARGE-IN SWITCH
9
ECHO FILTER
4
1
2
3
S_I
S_{EB}
S_{BI}
S_W

FIG.2